COMPUTER APPLICATION AND METHODS FOR AUTONOMIC UPGRADE MAINTENANCE OF COMPUTER HARDWARE, OPERATING SYSTEMS AND APPLICATION SOFTWARE

Abstract of the Disclosure

The present invention provides methods and a computer-readable program for providing autonomic, event driven upgrade maintenance of one or more software modules residing on a computer system. In a preferred embodiment, a method begins by detecting a predefined triggering event on the computer system indicative of a potential maintenance issue. Next the computer system connects to an upgrade management server, where the upgrade maintenance server creates a list of recommended upgrade modules to download to the computer system, the list based upon the triggering event and a set of selection policies. The method then downloads the list of recommended upgrade modules from the upgrade management server to the computer system, and selectively installs upgrade modules chosen from the list of recommended upgrade modules on the computer system. The user is then notified of the status of the upgrade maintenance operation.